

## SECTION 1425

### VALVE NUT EXTENSION

#### 1425.0100 GENERAL

**1425.0101 Description of Work.** The work under this Section shall consist of furnishing all labor and equipment required for the installation of valve nut extensions in accordance with the requirements of these specifications.

**1425.0103 Submittals.** Shop drawings are not required. Valve nut extensions shall be manufactured in accordance with TW Standard Detail 305.

**1425.0104 Delivery, Storage, and Handling.** Valve nut extensions shall be provided by the Agency. The Contractor shall provide transportation from the Agency storage yard to the work site. Valve nut extensions shall be delivered to the site, stored, and handled so as to avoid damage or deformation.

#### 1425.0200 PRODUCTS

##### 1425.0201 Materials.

**(A) Valve Extension Stems.** Valve nut extensions shall be provided when the depth to the top of the valve operating nut exceeds 5 feet. The extension stem shall be a continuous length of solid hot-rolled roundstock 1-1/4-inch diameter round bar fitted with a 2-inch square operating nut on the top and a moveable self-centering device. The top of the extension stem operating nut shall be punch marked with a 1-1/2-inch high letter "E".

The extension stem will have a square socket welded to the bottom, and the socket shall be fabricated to fit a standard 2-inch square valve operating nut. The valve extension stem shall be fabricated of A15 steel conforming to TW Standard Detail 305.

All surfaces shall receive one shop coat of primer and one finish coat of heavy-duty white synthetic gloss enamel paint.

#### 1425.0300 EXECUTION

##### 1425.0302 Installation.

**(A) Valve Extension Stems.** Valve extension stems shall be installed in accordance with TW Standard Detail 305.